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State of Utah
DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas & Mining

MICHAEL R. STYLER
Executive Director

JOHN R. BAZA
Division Director

Inspection Report
Minerals Regulatory Program
Report Date
May 7, 2009

Reviewed rk

Mine Name: Big Thomson Clay Mine
Operator Name: Brown Brothers Construction Company
Inspector(s): Wayne Western
Other Participants: Buzz Rakow
Mine Status: Inactive (at present)

Permit number: S/017/047
Inspection Date: May 5, 2009
Time: 4:45-5:20 PM

Weather: Clear, 80's

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Soils	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Revegetation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Purpose of Inspection:

The purpose of the visit was evaluate the site for bond release.

Inspection Summary:

7. Backfilling and Grading

The mine area has been graded to closely match the surrounding area, approximate original contour was met.

9. Soils

Soils in surrounding areas appear to be derived from shale and sandstone. The Permittee may not have salvaged any soil. The amount of topsoil initially available is unknown. In the surrounding areas there are slope with little vegetation, either from rock outcrops or soil.

10. Revegetation

There is essentially no vegetation on the clay outcrops.

Conclusions and Recommendations:

The main concern with bond release is the lack of vegetation on the site. The Division acknowledges that establishing vegetation in the area is difficult on clay soils. The Division suggest that the Permittee seed the

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site on additional time under favorable conditions: late fall or early winter, the area would be prepared for seeding such as scarified or the soil raked after seeding.

Inspector's Signature Wayne Weimer Date: May 12, 2009

Directions to Site:

The site is on the west side of the Burr Trail 14.5 miles north of SR 276.

WHW:jb

cc: Albert Brown, Operator
John Blake, SITLA

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